



K-600

Gas detector with built in pump

Technical Parameters

Gas sampling method: Pumping

Alarm methods: sound, light, vibration, curve display

Working Temperature: -20°C-50°C

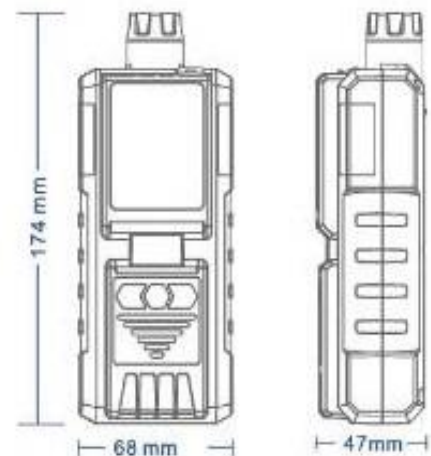
Power: 3.7V 3600mA rechargeable lithium battery

Charging time: 4-6 hours

Display: 2.4 inch colored LCD display

Operating time: working continuously for at least 10 hours

Explosion proof: Exib IIC T4 Gb



Size: 174x68x47mm

Bosean Portable for Biogas Application

Model: K-600 5 in 1 multi gas detector

The main component of biogas is methane. Biogas consists of 50%~80% methane (CH₄), 20%~40% carbon dioxide (CO₂), 0%~5% nitrogen (N₂), less than 1% hydrogen (H₂), less than 0.4% oxygen (O₂) And 0.1% to 3% hydrogen sulfide (H₂S) and other gases. Since biogas contains a small amount of hydrogen sulfide, it has a slight smell. Its characteristics are similar to natural gas. If the air contains 8.6-20.8% (by volume) of biogas, an explosive mixture will be formed

Bosean Portable Biogas detector, biogas analyzer (CH₄/CO₂/H₂S/O₂) can apply to:

- Farm digester gas monitoring
- Food processing biogas monitoring
- Waste water biogas monitoring
- Methane recovery
- Laboratory research and analysis for biogas



Technical Specification for Biogas measuring application

	Gas	Range	Accuracy	Resolution
Standard gas	CH ₄	0-100 %vol	±5%(F.S)	1 %vol
	CO ₂	0-100 %vol	±5%(F.S)	1 %vol
	O ₂	0-30 %vol	±5%(F.S)	0.1 %vol
	H ₂ S	0-500 ppm 0-1,000 ppm 0-5,000 ppm 0-10,000 ppm	±5%(F.S)	1 ppm
Option gas	CO	0-1,000 ppm	±5%(F.S)	1 ppm
	NH ₃	0-100 ppm	±5%(F.S)	1 ppm
	H ₂	0-1000 ppm	±5%(F.S)	1 ppm

